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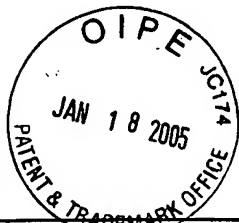
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23117 7590 11/08/2004

**NIXON & VANDERHYE, PC  
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01/21/2005 HGERREH2 00000240 10088165

01 FC:1501 1400.00 OP  
02 FC:1504 300.00 OP  
03 FC:1501 1400.00 OP

| PUBLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/088,165      | 03/15/2002  | Hiroshi Ohta         | 2589-15             | 2902             |

TITLE OF INVENTION: VACUUM CLEANER

| APPLN. TYPE    | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE   |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO           | \$1370    | \$300           | \$1670           | 02/08/2005 |

| EXAMINER      | ART UNIT | CLASS-SUBCLASS |
|---------------|----------|----------------|
| COLE, LAURA C | 1744     | 015-347000     |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).  
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
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2. For printing on the patent front page, list  
 (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
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1 Nixon & Vanderhye P.C.  
2  
3

**3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)**

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

**Sharp Kabushiki Kaisha**

**Osaka, Japan**

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

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**5. Change in Entity Status (from status indicated above)**

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

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Authorized Signature Joseph A. Rhoa  
 Typed or printed name Joseph A. Rhoa

Date Jan. 18, 2005  
 Registration No. 37,515

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